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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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10/759,932

01/16/2004

Vijaylaxmi Chakravarty

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EXAMINER

HEFFINGTON, JOHN M

ART UNIT

PAPER NUMBER

2109

| SHORTENED STATUTORY PERIOD OF RESPONSE | MAIL DATE | DELIVERY MODE |
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3 MONTHS

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

|                              |                        |                     |  |
|------------------------------|------------------------|---------------------|--|
| <b>Office Action Summary</b> | <b>Application No.</b> | <b>Applicant(s)</b> |  |
|                              | 10/759,932             | CHAKRAVARTY ET AL.  |  |
|                              | <b>Examiner</b>        | <b>Art Unit</b>     |  |
|                              | John M. Heffington     | 2109                |  |

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 16 January 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>15 August 2005</u> | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

This action is in response to the original filing of January 16, 2004. Claims 1-20 are pending and have been considered below.

### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-5, 8-12, 15-18, 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over PartitionMagic in view of Cowart (Mastering Windows 95).

Claim 1, 15: PartitionMagic discloses a method for

- a. assigning different operations to different buttons [inputs] (page 14, PartitionMagic Main Window, paragraph 2)
- b. displaying a button for each operation (page 14, PartitionMagic Main Window, paragraph 2)
- c. displaying a display with a first portion corresponding to a first operation and a second display corresponding to a second operation (page 14, PartitionMagic Main Window, paragraph 1)

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but does not disclose displaying a file display for a single file with includes a first portion that corresponds to a first operation and a second portion that corresponds to a second operation. Cowart discloses applying a visual effect to a file icon to indicate that two operations, copying and deleting, are being performed (page 241). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to apply a first portion corresponding to a first operation and a second portion corresponding to a second operation to a file display in PartitionMagic. One would have been motivated to apply a first portion corresponding to a first operation and a second portion corresponding to a second operation to a file display in order to know what operations were pending to be performed on a file.

Claim 8: PartitionMagic discloses a system:

- a. with a VGA resolution or higher monitor
- b. with a plurality of operations that can be scheduled to apply to a single partition

but does not disclose displaying a file display for a single file with includes a first portion that corresponds to a first operation and a second portion that corresponds to a second operation. Cowart discloses applying a visual effect to a file icon to indicate that two operations, copying and deleting, are being performed (page 241). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to apply a first portion corresponding to a first operation and a second portion corresponding to a second operation to a file display in PartitionMagic. One would have been motivated to apply a first portion corresponding to a first operation and a second

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portion corresponding to a second operation to a file display in order to know what operations were pending to be performed on a file.

Claims 2, 9, 16: PartitionMagic and Cowart disclose a method as in claims 1, 8, and 15 above and PartitionMagic further discloses executing pending operations in a predefined order (page 19, Viewing Pending Operations)

Claims 3, 10, 17: PartitionMagic and Cowart disclose a method as in claims 1, 8, and 15 above and PartitionMagic further discloses color coding partitions to distinguish different file systems (page 15, 1<sup>st</sup> paragraph).

Claims 4, 11, 18: PartitionMagic and Cowart disclose a method as in claims 1, 8, and 15 above and PartitionMagic further discloses using triangles to mark the 2 Gigabyte boot boundary (page 15, 2<sup>nd</sup> paragraph).

Claim 5, 12, 20: PartitionMagic and Cowart disclose a method as in claims 1, 8, and 15 above and Partition Magic further discloses a main window where inputs are icons on a GUI (page 14, figure of Main Window).

3. Claims 6 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Talbert (US 2004/0114265) in view of Cowart.

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Claim 6: Talbert discloses a method for deleting sensitive files (paragraph 0004) and overwriting a sensitive file with 1's and 0's to securely delete it (paragraph 0005), but does not disclose identifying the sensitive files to delete them. It would have been obvious to one having ordinary skill in the art at the time of the invention to identify sensitive files before deleting them. One would be motivated to identify sensitive files before deleting to ensure that only the desired files are deleted.

Further, Talbert does not disclose highlighting sensitive files with a visual feature. Cowart discloses highlighting files. Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to highlight a sensitive file in order to select it. One would have been motivated to highlight a sensitive file in order to select it to distinguish it from other unselected files.

Claim 7: Talbert and Cowart disclose method as in claim 6 above and Talbert further discloses erasing files from non-volatile memory once the file is no longer needed (paragraph 0004).

### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Rocray et al. (US 2002/0042170 A1) discloses a system and method for implementing a redundant data storage architecture.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to John M. Heffington whose telephone number is (571) 270-1696. The examiner can normally be reached on Mon - Fri (Alternate Fridays off) 7:30 - 5:00 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jim Myhre can be reached on (571) 270-1065. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JMH  
2/16/07

  
James W. Myhre  
Supervisory Patent Examiner